

NAGATA  
Appl. No. 09/729,426  
Response to Office Action dated October 7, 2004

RECEIVED  
CENTRAL FILE CENTER

JAN 07 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims:

Claim 1 (Currently Amended): A document management device, comprising:  
a memory section for storing a document to which has an identification number ~~is given~~;  
an input section for receiving an image including the said identification number and  
summary information of the document which has the ~~to which said~~ identification number is  
given;

a control section ~~comprising made up of an~~ extracting ~~extract~~ section for extracting the  
said identification number and the said summary information from the ~~inputted~~ image received  
by the ~~which was inputted to said~~ input section, a document obtaining ~~obtainer~~ section which  
uses the extracted identification number to search for searching and obtain from among  
documents in the memory section the obtaining a document which has the ~~having said~~  
identification number ~~which was extracted by said extract section out of documents stored in said~~  
~~memory section~~, and a judging section for judging as to whether the extracted summary  
information ~~extracted by said extract section~~ is correct with respect to the document obtained by  
the said document obtaining ~~obtainer~~ section; and

an output section for outputting the document obtained by the said document obtaining  
~~obtainer~~ section when the said judging section judges the extracted summary information ~~it to be~~  
correct.

Claim 2 (Currently Amended) The document management device as set forth in  
claim 1, wherein:  
the said input section receives an image received by the input section is ~~which was~~  
transmitted from an external device ~~which is connected~~ via a communications network, and the

NAGATA  
Appl. No. 09/729,426  
Response to Office Action dated October 7, 2004

said output section transmits the output document ~~which was obtained by said document obtainer~~ section to the said external device.

Claim 3 (Currently Amended): The document management device as set forth in claim 1, wherein:

~~the said~~ summary information comprises ~~is~~ at least a partial image of ~~its corresponding~~ document, and when an image which coincides with the extracted summary information ~~extracted by said extract~~ section exists in the document obtained by the said document obtaining obtainer section, the said judging section judges the extracted summary information it to be correct.

Claim 4 (Currently Amended): The document management device as set forth in claim 1, wherein, when the said document obtaining ~~obtainer~~ section fails to obtain the ~~corresponding~~ document which has the identification number, the said output section provides an ~~carries out~~ output indicative of the absence of the corresponding document in the said memory section.

Claim 5 (Currently Amended): The document management device as set forth in claim 1, wherein the said ~~inputted~~ image received by the input section includes information indicative of a version of the a document which has the identification number.

Claim 6 (Currently Amended): The document management device as set forth in claim 1, wherein the said memory section stores one or more additional documents each of which has the identification number and a different a document of at least one version among documents having the same identification number.

Claim 7 (Currently Amended): The document management device as set forth in claim 6, wherein:

the said control section judges a presence or absence of a predetermined mark in the said ~~inputted~~ image received by the input section, and when the said control section judges the

NAGATA  
Appl. No. 09/729,426  
Response to Office Action dated October 7, 2004

presence of the predetermined mark in the said inputted image received by the input section, the said output section outputs the a document having a latest version out of the documents obtained by the said document obtaining obtainer section which have the identification number.

Claim 8 (Currently Amended): The document management device as set forth in claim 6, wherein:

the said control section judges a presence or absence of version information in the said inputted image received by the input section, and when the said control section judges the presence of the version information in the said inputted image received by the input section, the said output section outputs the a document having a version of a designated by the version information out of the documents obtained by the said document obtaining obtainer section which have the identification number.

Claim 9 (Currently Amended): The document management device as set forth in claim 1, wherein:

the said control section further includes an approval section for judging a presence or absence of correct approval information in the said inputted image received by the input section, and when the said approval section judges the absence of the correct approval information in the said inputted image received by the input section, output from the said output section is prohibited.

Claim 10 (Currently Amended): The document management device as set forth in claim 9, wherein each document which is stored in the said memory section includes the said approval information.

Claim 11 (Currently Amended): The document management device as set forth in claim 9, wherein, when the said inputted image received by the input section includes predetermined information together with the approval information, output from the said output section is prohibited.

NAGATA  
Appl. No. 09/729,426  
Response to Office Action dated October 7, 2004

Claim 12 (Currently Amended): The document management device as set forth in claim 9, wherein, when the said approval section judges the absence of the correct approval information in the said ~~inputted~~ image received by the input section, the said output section provides an ~~carries out~~ output indicative of the absence of the correct approval information.

Claim 13 (Withdrawn): A communications terminal device, comprising:  
an image reader section for reading a document image out of a document;  
a control section having a line number extractor section for extracting a plurality of line numbers of external devices to be connected to a line out of the document image which was read out by the said image reader section, and a line number selector section for selecting a line number for connection from the plurality of line numbers extracted by the said line number extractor section; and

an image transmitter section for transmitting the document image which was read out by the said image reader section with respect to an external device connected to the line,

wherein, when the said line number extractor section extracts the plurality of line numbers of the external devices to be connected to a line out of the said document image, the said line number selector section selects one line number from the plurality of line numbers extracted, by making a comparison between the plurality of line numbers extracted and a line number of the transmitting end.

Claim 14 (Withdrawn): The communications terminal device as set forth in claim 13, wherein the said line number selector section makes a comparison between an area code of the plurality of line numbers extracted by the said line number extractor section and an area code of the line number of the transmitting end so as to select a line number having an identical area code.

Claim 15 (Withdrawn): The communications terminal device as set forth in claim 13, wherein the said line number selector section adjusts the area codes of the plurality of line numbers extracted by the said line number extractor section and the line number of the

NAGATA

Appl. No. 09/729,426

Response to Office Action dated October 7, 2004

transmitting end to have the same number of digits, and selects a line number which has a least difference between the both area codes.

Claim 16 (Withdrawn): The communications terminal device as set forth in claim 13, further comprising an image modifier section for deleting an image which is indicative of the line number of the external device to be connected to the line from the document image which was read out by the said image reader section,

wherein the said image transmitter section transmits an image from which the image indicative of the line number of the external device to be connected to the line was deleted by the said image modifier section.

Claim 17 (Withdrawn): The communications terminal device as set forth in claim 13, wherein:

the said image reader section reads images of front and rear sides of the document,

the said line number extractor section extracts the line number of the external device to be connected to the line from an image of one side of the document, and

the said image transmitter section transmits an image of the other side of the document.

Claim 18 (Withdrawn): A communications terminal device, comprising:

an image reader section for reading a document image out of a document;

a control section having a line number extractor section for extracting a plurality of line numbers of external devices to be connected to a line out of the document image which was read out by the said image reader section, and a line number selector section for selecting a line number for connection from the plurality of line numbers extracted by the said line number extractor section;

a memory section for storing a communications cost table in which communications charges per unit time for connecting the line are classified based on the line numbers; and

an image transmitter section for transmitting the document image which was read out by the said image reader section with respect to an external device connected to the line,

NAGATA

Appl. No. 09/729,426

Response to Office Action dated October 7, 2004

wherein, when the said line number extractor section extracts the plurality of line numbers of the external devices to be connected to the line out of the said document image, the said line number selector section selects one line number from the plurality of line numbers extracted, using the communications cost table stored in the said memory section.

Claim 19 (Withdrawn): The communications terminal device as set forth in claim 18, further comprising an image modifier section for deleting an image which is indicative of the line number of the external device to be connected to the line from the document image which was read out by the said image reader section,

wherein the said image transmitter section transmits an image from which the image indicative of the line number of the external device to be connected to the line was deleted by the said image modifier section.

Claim 20 (Withdrawn): The communications terminal device as set forth in claim 18, wherein

the said image reader section reads images of front and rear sides of the document,  
the said line number extractor section extracts the line number of the external device to be connected to the line from an image of one side of the document, and  
the said image transmitter section transmits an image of the other side of the document.

Claim 21 (Currently Amended): A recording medium which stores ~~stores~~ a document management program which is used in a computer system including a memory section for storing a document ~~to which~~ has an identification number ~~is given~~, an input section for receiving an image including the said identification number and summary information of the document ~~which has the to which said~~ identification number ~~is given~~, and an output section ~~for outputting the document, the said~~ document management program for instructing the a computer ~~system~~ to execute the processes of:

(i) extracting the said identification number and the said summary information from ~~the out of an inputted image received by the which was inputted to said~~ input section;

NAGATA

Appl. No. 09/729,426

Response to Office Action dated October 7, 2004

- (ii) using the extracted identification number, searching for and obtaining from among documents in the memory section the a document which has having the identification number extracted by said process (i) out of documents stored in said memory section; and
- (iii) judging as to whether the extracted summary information extracted by said process (i) is correct with respect to the obtained document to determine whether to output the obtained document via the output section obtained by said process (ii).

Claim 22 (Withdrawn): A recording medium which stores ~~stored~~ a communications control program which is used in a computer system including an image reader section for reading a document image out of a document, and an image transmitter section for transmitting the document image read out by the said image reader section with respect to an external device which is connected via a communications network, the said communications control program for instructing a computer to execute the processes of:

- (i) extracting a plurality of line numbers of external devices to be connected to a line out of the document image which was read out by the said image reader section; and
- (ii) selecting, when the plurality of line numbers of the said external devices to be connected to a line are extracted by the said process (i) out of the document image, one line number from the plurality of line numbers extracted by making a comparison between the plurality of line numbers extracted and a line number of the transmitting end.

Claim 23 (Currently Amended): A document management system, comprising at least one document management device, and at least one communications terminal device which is connected to the said document management device via a communications network,

wherein:

the said document management device includes: a memory section for storing a document ~~to which has an identification number is given;~~ an input section for receiving from the communications terminal device an image including the said identification number and summary information of the document which has the ~~to which said identification number is given from said communications terminal device;~~ a control section ~~comprising made up of an extracting~~ extract section for extracting the said identification number and the said summary information

NAGATA

Appl. No. 09/729,426

Response to Office Action dated October 7, 2004

from the ~~inputted~~ image received by the ~~which was inputted to said input section,~~ a document ~~obtaining~~ ~~obtainer~~ section which uses the extracted identification number to search for searching and obtain from among documents in the memory section the obtaining a document which has ~~the having said~~ identification number ~~which was extracted by said extract section out of~~ documents stored in ~~said memory section,~~ and a judging section for judging as to whether the ~~extracted~~ summary information ~~extracted by said extract section~~ is correct with respect to the document obtained by the ~~said document~~ ~~obtaining~~ ~~obtainer~~ section; and an output section for outputting the document obtained by the ~~said document~~ ~~obtaining~~ ~~obtainer~~ section ~~with respect to the said communications terminal device when the said judging section judges the extracted summary information~~ ~~it to be correct, and~~

the said communications terminal device includes: an image reader section for reading a document image ~~out of a document;~~ a control section having a line number extractor section for extracting from the document image a plurality of line numbers of document management devices to which the communication terminal device is connectable ~~to be connected to a line out of the document image which was read out by said image reader section,~~ and a line number selector section for selecting one of the a line numbers number for connection from the extracted plurality of line numbers ~~extracted by said line number extractor section;~~ and an image transmitter section for transmitting the document image ~~which was read out by said image reader section with respect to the~~ a document management device corresponding to be connected to the selected line number, wherein, ~~when said line number extractor section extracts a plurality of line numbers of external devices to be connected to a line out of said document image, said the line number is selected by the line number selector section based on selects one line number from the plurality of line numbers extracted, by making a comparison between the extracted plurality of line numbers extracted and a line number of the communications terminal device transmitting~~ end.

Claim 24 (Currently Amended): A document management system, comprising at least one document management device, and at least one communications terminal device which is connected to the said document management device via a communications network,  
wherein:



NAGATA

Appl. No. 09/729,426

Response to Office Action dated October 7, 2004

~~the said~~ document management device includes: a memory section for storing a document ~~to which has~~ an identification number ~~is given~~; an input section for receiving from the communications terminal device an image including ~~the said~~ identification number and summary information of the document ~~which has the~~ ~~to which said~~ identification number ~~is given from said communications terminal device~~; a control section ~~comprising made up of~~ an extracting ~~extract~~ section for extracting ~~the said~~ identification number and ~~the said~~ summary information from the ~~inputted~~ image ~~received by the~~ ~~which was inputted to said~~ input section, a document obtaining ~~obtainer~~ section ~~which uses the extracted identification number to search for searching and obtain from among documents in the memory section the obtaining-a document which has the having said~~ identification number ~~which was extracted by said extract section out of documents stored in said memory section~~, and a judging section for judging ~~as to whether the extracted~~ summary information ~~extracted by said extract section~~ is correct with respect to the document obtained by ~~the said document~~ obtaining ~~obtainer~~ section; and an output section for outputting the document obtained by ~~the said document~~ obtaining ~~obtainer~~ section when ~~the said~~ judging section judges ~~the extracted summary information~~ it to be correct, and

~~the said~~ communications terminal device includes: an image reader section for reading a document image ~~out of a document~~; a control section having a line number extractor section for extracting ~~from the document image~~ a plurality of line numbers of document management devices ~~external devices to which the communications terminal device is connectable be connected to a line out of the document image which was read out by said image reader section~~, and a line number selector section for selecting ~~one of the a line numbers number for connection from the extracted~~ plurality of line numbers ~~extracted by said line number extractor section~~; a memory section for storing a communications cost table ~~for in which communications charges per unit time for connecting the line are classified based on the line numbers~~; and an image transmitter section for transmitting the document image ~~which was read out by said image reader section with respect to the document management device corresponding an external device connected to the selected line number~~, wherein, ~~when said line number extractor section extracts a plurality of line numbers of the external devices to be connected to a line out of said document image, the said line number is selected by the line number selector section based on~~

NAGATA  
Appl. No. 09/729,426  
Response to Office Action dated October 7, 2004

~~communications costs determined selects one line number from the plurality of line numbers extracted, using the communications cost table stored in said memory section.~~

Claim 25 (New): A document management device, comprising:  
a memory section for storing documents each of which has an identification number;  
an input section for receiving an image including an identification number identifying a requested document and summary information of the requested document;  
an output section;  
a control section comprising an extracting section for extracting the identification number and the summary information of the requested document from the image received by the input section, a document obtaining section which retrieves from the memory section a document whose identification number corresponds to the extracted identification number, and a judging section which uses the extracted summary information to determine whether to output the retrieved document via the output section.

Claim 26 (New): The document management device as set forth in claim 25,  
wherein:  
the summary information comprises an image.

Claim 27 (New): The document management device as set forth in claim 26,  
wherein the image comprises a condensed image of at least part of the requested document.

Claim 28 (New): The document management device as set forth in claim 25,  
wherein the documents stored in the memory section comprise different versions of one or more of the documents, the different versions having the same identification number, but different version information.

Claim 29 (New): The document management device as set forth in claim 28,  
wherein:

**NAGATA**

**Appl. No. 09/729,426**

**Response to Office Action dated October 7, 2004**

the control section determines a presence or absence of a predetermined mark in the image received by the input section, and

the judging section uses the presence of the predetermined mark in the image received by the input section to determine to output the latest version of two or more documents retrieved from the memory section which have the extracted identification number.

**Claim 30 (New):** The document management device as set forth in claim 28, wherein:

the extracting section extracts version information of the requested document from the image received by the input section, and

the judging section uses the version information to determine to output the corresponding version of two or more documents retrieved from the memory section which have the extracted identification number.

**Claim 31 (New):** The document management device as set forth in claim 25, wherein:

the control section further includes an approval section for judging a presence or absence of correct approval information in the image received by the input section, and

when the approval section judges the absence of the correct approval information in the image received by the input section, output from the output section is prohibited.

**Claim 32 (New):** The document management device as set forth in claim 25, wherein the image received by the input section comprises an image of a document request form on which the identification number and the summary information are printed.